

Special Issue

Advances in Electrical Capacitance Tomography System

Message from the Guest Editors

This special issue intends to highlight the research that supports the development of the theories and technologies underlying the design of ECT systems. Both theoretical contributions and practical validations are essential. Topics of interest include, but are not limited to:

- 2D and 3D capacitance sensor design and modeling
- methods of capacitance measurement and signal conditioning
- complex-valued capacitance measurement and multi-modal imaging
- data acquisition system architecture for real-time imaging
- high-speed nonlinear image reconstruction
- image processing and process control

Guest Editors

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About the Journal

Message from the Editor-in-Chief

Electronics is a multidisciplinary journal designed to appeal to a diverse audience of research scientists, practitioners, and developers in academia and industry. The journal is devoted to fast publication of latest technological breakthroughs, cutting-edge developments, and timely reviews of current and emerging technologies related to the broad field of electronics. Experimental and theoretical results are published as regular peer-reviewed articles or as articles within Special Issues guestedited by leading experts in selected topics of interest.

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